Please type a plus (+) sign in this box → | + |

# UTILITY PATENT APPLICATION TRANSMITTAL
*(Only for new non-provisional applications under 37 C.F.R. § 1.53(B))*

| | |
|---|---|
| Attorney Docket No. | M61.12-0631 |
| First Inventor or Application Identifier | Yong Zhao et al. |
| Title | REFINING OF SEGMENTAL BOUNDARIES IN SPEECH WAVEFORMS USING CONTEXTUAL-DEPENDENT MODELS |
| Express Mail Label No. | EV178023421US |

## APPLICATION ELEMENTS
*See MPEP chapter 600 concerning utility patent application contents.*

**Address To:** Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

1. ☒ *Fee Transmittal Form e.g., PTO/SB17)*
   *(Submit an original and a duplicate for fee processing)*

2. ☐ Applicant Claims small entity status

3. ☒ Specification [Total Sheets **30**]
   *(preferred arrangement set forth below*
   - Descriptive title of the Invention)
   - Cross References to Related Applications
   - Statement Regarding Fed sponsored R & D
   - Reference to Microfiche Appendix
   - Background of the Invention
   - Brief Summary of the Invention
   - Brief Description of the Drawings *(if filed)*
   - Detailed Description
   - Claim(s)
   - Abstract of the Disclosure

4. ☒ Drawing(s) *(35 U.S.C. § 113)* [Total Sheets **5**]

5. Oath or Declaration [Total Sheets **2**]
   a. ☒ Newly executed (original or copy)
   b. ☐ Copy from a prior application (37 C.F.R. § 1.63(d))
      *(for continuation/divisional with Box 18 completed)*
      i. ☐ DELETION OF INVENTOR(S)
         Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§1.63(d)(2) and 1.33(b).

6 ☒ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer program *(Appendix)*

8. Nucleotide and/or Amino Acid Sequence Submission *(If applicable, all necessary)*
   a. ☐ Computer Readable Copy
   b. Specification Sequence Listing on:
      i. ☐ CD-ROM or CD-R (2 Copies); or
      ii. ☐ Paper
   c. ☐ Statement verifying identity of above copies

15535 U.S. PTO
10/823129

### ACCOMPANYING APPLICATION PARTS

9. ☒ Assignment Papers (cover sheet & document(s))
10 ☐ 37 C.F.R. § 3.73(b) Statement (when there is an assignee) ☒ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☒ Information Disclosure Statement (IDS)/PTO – 1449 ☒ Copies of IDS-Citations (6 refs)
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s) *(if foreign priority is claimed)*
16. ☐ Nonpublication Request Under 35 USC 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent
17. ☐ Other:

18. **If a CONTINUING APPLICATION,** *check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:*
☐ Continuation ☐ Divisional ☐ Continuation –in part (CIP) of prior application No: ___/_____
Prior application information: Examiner _____ Group/Art Unit: ___
FOR CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

### 17. CORRESPONDENCE

☐ Customer Number or Bar Code Label | *(Insert Customer No. or Attach bar code label here)* | or ☒ Correspondence address below

| | |
|---|---|
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| Name (Print/type) | Steven M. Koehler | Registration No. (Attorney/Agent) | 36,188 |
| Signature | | Date | 4/13/04 |

# FEE TRANSMITTAL

| | |
|---|---|
| Application No. | |
| Filing Date | HEREWITH |
| First Named Inventor | Yong Zhao |
| Title | REFINING OF SEGMENTAL BOUNDARIES IN SPEECH WAVEFORMS USING CONTEXTUAL-DEPENDENT MODELS |
| Group Art Unit | |
| Examiner Name | |
| Atty. Docket Number | M61.12-0631 |

Total Amount of Payment $ 1062

## METHOD OF PAYMENT (Check One)

1. ☒ The Director is hereby authorized to charge any additional fee required under 37 C.F.R. § 1.16 and 1.17, including any petition fee, and credit any over payments to Deposit Account No. 23-1123. Westman, Champlin & Kelly, P.A.

2. ☒ Check Enclosed

## FEE CALCULATION

### 1. BASIC FILING FEE

| Large Entity | | Small Entity | | | |
|---|---|---|---|---|---|
| Fee | Fee | Fee | Fee | | |
| Code | ($) | Code | ($) | Fee Description | |
| 1001 | 770 | 2001 | 385 | ☒ Utility Filing Fee | |
| 1002 | 340 | 2002 | 170 | ☐ Design Filing Fee | |
| 1004 | 770 | 2004 | 385 | ☐ Reissue Filing Fee | |
| 1005 | 160 | 2005 | 80 | ☐ Prov. Filing Fee | |

Subtotal (1) $ 770

### 2. EXTRA CLAIM FEES

| | Number Claims | Prior** | Extra | Fee from Below | Fee Paid |
|---|---|---|---|---|---|
| Total | 34 | 20 | 14 | 18 | 252 |
| Indep. | 2 | 3 | 0 | 86 | 0 |

Multiple Dependent Claims

** Insert 3 and 20, or number previously paid if greater; Reissue see below

| Large Entity | | Small Entity | | |
|---|---|---|---|---|
| Fee Code | Fee ($) | Fee Code | Fee ($) | Description |
| 1202 | 18 | 2202 | 9 | Claims in excess of 20 |
| 1201 | 86 | 2201 | 43 | Independent claims in excess of 3 |
| 1203 | 290 | 2203 | 145 | Multiple Dependent Claims |
| 1204 | 86 | 2204 | 43 | Reissue Independent Claims over Original Patent |
| 1205 | 18 | 2205 | 9 | Reissue claims in excess of 20 and over original patent |

Subtotal (2) $ 252

## FEE CALCULATION (Continued)

### 3. ADDITIONAL FEES

| Large Entity | | Small Entity | | | Fee Paid |
|---|---|---|---|---|---|
| Fee Code | Fee ($) | Fee Code | Fee ($) | Fee Description | |
| 1051 | 130 | 2051 | 65 | Surcharge - Late filing fee or oath | |
| 1052 | 50 | 2052 | 25 | Surcharge - Late provisional Filing Fee or cover sheet | |
| 1053 | 130 | 1053 | 130 | Non-English specification | |
| 1812 | 2,520 | 1812 | 2,520 | For Filing a Request for Reexamination. (ex parte) | |
| 1251 | 110 | 2251 | 55 | Extension for reply within first month | |
| 1252 | 420 | 2252 | 210 | Extension for reply within second month | |
| 1253 | 950 | 2253 | 475 | Extension for reply within third month | |
| 1254 | 1,480 | 2254 | 740 | Extension for reply within fourth month | |
| 1255 | 2,010 | 2255 | 1,005 | Extension for reply within fifth month | |
| 1402 | 330 | 2402 | 165 | Filing a brief in support of an appeal | |
| 1403 | 290 | 2403 | 145 | Request for oral hearing | |
| 1814 | 110 | 2814 | 55 | Terminal Disclaimer Fee | |
| 1452 | 110 | 2452 | 55 | Petition to Revive - unavoidable | |
| 1453 | 1,330 | 2453 | 665 | Petition to Revive - unintentional | |
| 1501 | 1,330 | 2501 | 665 | Utility/Reissue issue fee (inc. advance copies) | |
| 1502 | 480 | 2502 | 240 | Design issue fee (inc. advance copies) | |
| 1460 | 130 | 1460 | 130 | Petitions to the Commissioner | |
| 1807 | 50 | 1807 | 50 | Petitions related to provisional applications | |
| 1806 | 180 | 1806 | 180 | Submission of Information Disclosure Statement | |
| 8021 | 40 | 8021 | 40 | Recording each patent assignment per property (times number of properties) | 40 |

Other Fee (specify) _____

Subtotal (3) $40

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Signature _(Steven M. Koehler)_

Reg. No. 36,188

Date 4/13/04

Deposit Account No. 23-1123